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		The state of the s		
2003/05/14 13:25	USOCR	(MEMS or MOEMS)	1281	1
		throughhole or (through adj hole) or (through adj holes) or via or		
2003/05/14 13:25	US-PGPUB	throughnole or (through adj nole) or (through adj noles) or through-hole or	1669	1
2003/05/14 14:35	USPAT	(MEMS or MOEMS) and (through-holes or throughholes or through-hole	1580	ı
2003/05/14 13:10	USPAT	(385/16) or (385/17) or (385/18) or (385/19) or (385/20) or (385/21) or (385/22) or (385/23)).CCLS.	1548	1
		CHAIMETS OF COMMET OF COMMETS OF MOTO		
		or substrates or base or bases or plate or plates) near2 (hole or holes or		
2003/05/14 14:58	US-PGPUB	((optical or optic) near2 (switch or switches or switching)) and ((subs	255	ı
	-	opening or openings or channel or channels or tunnel or tunnels or bore or bores)		
		trates or base or bases or plate or plates) near2 (hole or holes		
2003/05/14 12:58	USOCR	((optical or optic) near2 (switch or switches or switching)) and ((substance))	14	ı
	IBM_TDB	ening or openings or channel or channels or tunnel or tunnels or		
	DERWENT;	or substrates or base or bases or plate or plates) near2 (hole or		
2003/05/14 12:52	EPO; JPO;			1
		(hole or holes or opening or openings or channel or channels or tunnel or		
•		(substrate or substrates or base or bases or plate or plate		
		5/18) or (385/19) or (385/20) or (385/21) or (385/22) or (38		
		bores))) not (((((385/12) or (385/13)).CCLS.) or (((385/16) or (385/17) or	-	
		or openings or channel		
2003/05/13 15:40	USPAT	(((optical or optic) near2 (switch or switches or switching)) and ((sub	670	1
		or bores))		
		ening or openings or channel or channels or tunnel or tunnels or		
		or substrates or base or bases of		
2003/05/13 15:39	USPAT	(385/12) or (385/13)).CCLS.) or ((385/16) or (385/17) or (385/18) or (385/19) or (385/20) or (385/21) or (385/22) or (385/23)).CCLS.)) and	156	1
		opening or openings or channel or channels of cummer of cummers of bore of	-	
		tes or base or bases or plate or plates) near2 (hole or holes		
2003/05/13 15:40	USPAT	((optical or optic) near2 (switch or switches or switching)) and ((subs	767	1
15:	USPAT	((385/12) or (385/13)).CCLS.	1097	1 1
	USPAT		42	<u>-</u>
2003/05/15 15:21	USPAT	toshivoshi.in.	4	12
2003/05/15 15:21	USPAT	toshivoshi.in. and ((optical or optic) near2 (swi		11
2003/05/15 15:20	USPAT		4	10
2003/05/15 15:15	USPAT	"\$404969"		0 0
2003/05/15 15:12	TATED	(("6404969").FN.) and S1		0 ~
2003/05/15 13:55	USPAT	and		0
2003/05/15 13:55	USPAT	(("4152043").PN.) and		σ
2003/05/15 13:55	USPAT	(("4152043"		۰۵ (
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	+011-100	signal or signals or wavelength or wavelengths))		
	DERWENT;	((through-holes or throughholes or through-hole or throughhole		
2003/05/14	EPO; JPO;	81 ((optical or optic) near2 (switch or switches or switching)) and		1
		or wavelength or wavelengths)		
) or via or vias) with (light on		
2003/05/14 14:18	US-PGPUB	381 ((optical or optic) near2 (switch or switches or switching)) and		ı
		(385/22) or (385/23)).CCLS.		
2003/05/14 14:58	US-PGPUB	503 ((385/16) or (385/17) or (385/18) or (385/19) or (385/20) or (385/21) or	(D	ı
2003/05/14 13:37	US-PGPUB	S) and (through-holes or throughholes or through-		ı
		throughhole or (through adj hole) or (through adj holes) or v		
2003/05/14 13:37	USPAT	or signal or signals or wavelength or wavelengths)) and ((control or controlling or drive or driving) near2 (circuit or circuits)) 24 ((MEMS or MOEMS) and (through-holes or throughholes or through-hole or		1
		or (through adj holes) or via or vias) with (light		
2003/05/14 13:32	USPAT	48 ((optical or optic) near2 (switch or switches or switching)) and throughbolds or throughbolds or throughbolds.	12	1
		throughhole or (through adj hole) or (through adj holes) or v		
2003/05/14 13:27	USOCR	or signal or signals or wavelength or wavelengths)) ((MEMS or MOEMS) and (through-holes or throughholes or through-hole or	-	1
		or (through adj holes) or via or vias) with (light o		
	3	((through-holes or throughholes or through-hole or throughhol		
2003/05/14 13:27	USOCR	<pre>(optical or optic or optically or light) (optical or optic) near2 (switch or switches or switching) and</pre>		1
		through		
2003/05/14 13:27	IBM_TDB USOCR	407 ((MEMS or MOEMS) and (through-holes or throughholes or through-hole or		
2003/05/14 13:27	EPO; JPO; DERWENT;	49 (MEMS or MOEMS) and (through-holes or throughholes or through-hole or throughhole or vias)		ı
		ole or (through adj hole) or (through adj holes		
2003/05/14 13:27	US-PGPUB	optic or optically or light) DEMS) and (through-holes or throughholes or through-hole or		t
		hhole or (through adj hole) or (through adj holes) or via or		
2003/05/14 13:27	USPAT	or signal or signals or wavelength or wavelengths)) 1200 ((MEMS or MOEMS) and (through-holes or throughholes or through-hole or	1	1
		or (through		
2003/05/14 13:26	USPAT	<pre>jnals or wavelength or wavelengths)) ic) near2 (switch or switches or switching)) and</pre>	4.	ı
		hrough adj holes) or via or vias) with (light or be		
2003/05/14 13:26	US-PGPUB	l or optic) near2 (switch or optic) near2 (switch or		ı
		signal or signals or wavelength or wavelengths))		
	IBM TDB	hrough adi holes) o:		
2003/03/11 13:20	DEBMENT.	through-hole or throughhole or		

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optic) or (385/21) or (385/22) or (385/23)). CLB3.)) not ((Optication optic) near2 (switch or switches or switching)) and ((substrate or substrates or base or bases or plate or plates) near2 (hole or holes or opening or openings or channel or tunnels or tunnels or bore or bores)))		or signals)) and (circuit or circuits) and ((through-holes or throughholes or (through adj holes) near4 (light or beam or beams or signal or signals)) and near4 (light or lass/16) or (385/17) or (385/18) or (385/19) or	nal or signals)) and (circuit or circuits) optic) near2 (switch or switches)) and ((through-holes or or (through adi holes) or via or vias) near4 (light or beam or	(circuit or circuits) ((optical or optic) near2 (switch or switches)) and ((through-holes or through-holes or optic)) and ((through-holes or through-holes))	or circuits) MOEMS) and ((through-holes or throughholes or (through adj holes) or ias) near4 (light or beam or beams or signal or signals)) and		nal or signals)) and (circuit or circuits) MS) and ((through-holes or throughholes or (through adj holes) or near4 (light or beam or beams or signal or signals)) and	and (circuit or circuits) witch or switches)) and ((through-holes or holes) or via or vias) near4 (light or beam or	nrough-holes or r4 (light or beam or	via or vias) (MEMS or MOEMS) and ((through-holes or throughholes or (through adj holes) or via or vias) near4 (light or beam or beams or signal or signals)) and	via or vias) (MEMS or MOEMS) and (through-holes or throughholes or (through adj holes) or	or (through adj holes) or	h-holes or throughholes or through-hole or hole) or (through adj holes)' or via or vias)) not 85/18) or (385/19) or (385/20) or (385/21) or
	US-PGPUB	IBM_TDB US-PGPUB	EPO; JPO; DERWENT;	USOCR	USOCR	EPO; JPO; DERWENT;	US-PGPUB	USPAT	US-PGPUB	USPAT	US-PGPUB	USPAT	USPAT
	2003/05/14 14:59	2003/05/14 14:58	2003/05/14 14:56	2003/05/14 14:56	2003/05/14 14:56	2003/05/14 14:50	2003/05/14 14:50	2003/05/14 14:49	2003/05/14 14:47	2003/05/14 14:45	2003/05/14 14:36	2003/05/14 14:36	2003/05/14 14:34
	14:59	14:58	14:56	14:56	14:56	14:50	14:50	14:49	14:47	14:45	14:36	14:36	14:34